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# UTILITY PATENT APPLICATION TRANSMITTAL

Only for new nonprovisional applications under 37 CFR 1.53(b)

Attorney Docket No.	4443D1
First Inventor	Paul D. Grossman
Title	PROBE / MOBILITY MODIFIER COMPLEXES MULTIPLEX NUCLEIC ACID DETECTION
Express Mail Label No.	EL 782 734 795 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
- ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages 28]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
- Oath or Declaration [Total Pages 3]
  - ☐ Newly executed (original or copy)
  - ☒ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)
    - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76.

## ADDRESS TO:

Assistant Commissioner for Patent  
Box Patent Application  
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - ☐ Computer Readable Copy (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ paper
  - ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- ☐ Certified copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Other: \_\_\_\_\_  
Other: \_\_\_\_\_

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09 / 522,640 filed March 10, 2000

Prior application information:

Examiner: Einsmann, J.

Group Art Unit: 1655

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon if it has been inadvertently omitted from the submitted application parts.

## CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 22896 (Insert 22896 or Attach bar code label here) or ☐ Correspondence address below

Name	PATENT TRADEMARK OFFICE Paul D. Grossman				
	Applied Biosystems				
Address	850 Lincoln Centre Drive				
City	Foster City	State	California	Zip Code	94404
Country		Telephone	650.638.5846	Fax	650.638.6677

Name (Print/Type)	Paul D. Grossman	Registration No. (Attorney/Agent)	36,537
Signature	<i>Paul D. Grossman</i>	Date	November 28, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box 24343\_1.DOC

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

**Complete if Known**

Application Number	To be assigned
Filing Date	November 28, 2000 (herewith)
First Named Inventor	Paul D. Grossman
Examiner Name	To be assigned
Group Art Unit	To be assigned
Attorney Docket No.	4443D1

JC784 U.S. PTO  
09/24/00  
11/28/00**TOTAL AMOUNT OF PAYMENT (\$ 710.00)****METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit  
Account  
Number  
Deposit  
Account  
Name

01-2213

PE Applied Biosystems Div.

- ☒ Charge any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ **Payment Enclosed:**  
☐ Check ☐ Credit card ☐ Money ☐ Other  
Order

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	710.00
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

**SUBTOTAL (1) (\$ 710.00)****2. EXTRA CLAIM FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 80	202 40	Independent claims in excess of 3	
104 270	204 135	Multiple dependent claim, if not paid	
109 80	209 40	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2) (\$ 0.00)****FEE CALCULATION (continued)****3. ADDITIONAL FEES****Large Entity Small Entity**

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2520	147 2520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1840*	113 1840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1390	218 695	Extension for reply within fourth month	
128 1890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1510	138 1510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1240	241 620	Petition to revive - unintentional	
142 1240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 710	246 355	Filing a submission after final rejection (37 CFR 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ 0.00)****SUBMITTED BY**

Name (Print/Type) Paul D. Grossman

Registration No.  
(Attorney/Agent)

36,537

**Complete (if applicable)**

Telephone 650.638.5846

Signature

Date

November 28, 2000

**WARNING:**

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**CERTIFICATION UNDER 37 CFR 1.10**

Express Mail Number: EL 782 734 795 US Date of Deposit: November 28, 2000  
 I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box: Patent Application, Washington, D.C. 20231.

Mila T. Kasan  
 (Print Name of Person Mailing Application)

*[Signature]*  
 (Signature of Person Mailing Application)

Docket No. 4443D1

JC784 U.S. PTO  
09/724730  
 11/28/00

#3K  
 pg  
 1.13.07

**Transmittal of Divisional Patent Application  
 For Filing Under 37 CFR 1.53(b)**

PRIOR APPLICATION:                      Examiner:                      **Einsmann, J.**                      Art Unit: **1655**

Assistant Commissioner for Patents  
 Box: Patent Application  
 Washington, D.C. 20231

Sir:

This is a request for filing a ☐ continuation ☒ divisional application under 37 CFR 1.53(b), of pending prior application serial no. 09/522,640 filed on March 10, 2000 by Paul D. Grossman entitled

**PROBE / MOBILITY MODIFIER COMPLEXES FOR MULTIPLEX NUCLEIC ACID DETECTION**

1. Enclosed are:

- ☒ One stamped, self-addressed postcard for PTO datestamp.
- ☒ Certificate of Express Mail.
- ☒ One utility patent application containing text pages 1 - 28 and ☒ 2 sheets of ☒ formal ☐ informal drawings.
- ☒ Copy of executed Declaration of Inventorship from parent application serial no. 09/522,640.
- ☐ Sequence Listing printout, Request to Use from prior application, and matching Declaration.
- ☐ A Preliminary Amendment.
- ☐ A new Power of Attorney.

2. Amendment

- ☐ Please enter the enclosed Preliminary Amendment before calculating the filing fee. It is understood that only amendments reducing the number of claims will be entered for this purpose.
- ☒ Please cancel original claims 12-25, inclusive, before calculating the filing fee. (At least one original independent claim should be retained for filing purposes.)
- ☒ Amend the specification by inserting before the first line the sentence: -- This application is a divisional of application serial no. 09/522,640 filed March 10, 2000, which claims the benefit of provisional application serial no. 60/124,386 filed March 15, 1999. --

*N.E.*

3. Extension of Time

- ☒ A petition for extension of time has been filed in the parent to extend the pendency of the parent to December 16, 2000 (copy enclosed).

09/724730

- ☒ **Conditional Petition for Extension of Time:** An Extension of Time is requested to provide for timely filing *if* required to establish copendency with the parent after all papers filed herewith have been considered.

4. **Prior Documents Still in Effect**

- ☒ This application and parent application Serial No. 09/ 522,640 filed March 10, 2000 are assigned of record to PE Corporation.
- ☒ Power of attorney in the above-identified prior application is to Paul D. Grossman, Reg. No. 36,537, and the other attorneys or agents identified therein.


5. **Fees**

The filing fee is calculated below taking into account any amendments in section 2 above:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
TOTAL CLAIMS	11 - 20	0	X \$18	\$0.00
INDEPENDENT CLAIMS	1 - 3	0	X \$80	\$0.00
	BASIC FEE			\$710.00
	Multiple Dependency Fee If Applicable \$270.00			
	Total			
	50% Reduction for Independent Inventor, Non-profit Organization or Small Business Concern			
	TOTAL FILING FEE			\$710.00

- ☒ The Commissioner is hereby authorized to charge the filing fee, any deficiency in fees under 37 CFR 1.16 and 1.17, or any other fees necessary for timely filing of this application, or credit any overpayment to Deposit Account No. 01-2213. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed.
- ☐ Filing fee to be submitted in response to anticipated receipt of Notice to File Missing Parts.  
**DO NOT CHARGE DEPOSIT ACCOUNT.**

Respectfully submitted,

  
Paul D. Grossman, Reg. No. 36,537

Dated: November 28, 2000

**Correspondence Address:**

Applied Biosystems  
850 Lincoln Centre Drive  
Foster City, California 94404  
Telephone: 650-638-5846  
Facsimile: 650-638-6677

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

12/04/2000 ETULU1 00000028 012213 09724730

01 FC:101 710.00 CH